

IEP Tidal Wetlands Monitoring Project Work Team

August 10, 2016

9:00 – 12:00

DWR West Sacramento Office, Room 119

Call-in Line: 916.574.1224

CDFW- Alice Low, Stacy Sherman, Rosie Hartman, Dave Contreras, Alison Furler, Steve Slater, Vanessa Tobias, Gregg Erickson, Christina Sloop, Hilde Spautz, Gina Bengino, Dave Zezulak
DWR – Heather Green, Gina Darin, Joy Khamphanh, Kris Jones, Gardner Jones, Krista Hoffmann, Louise Conrad, Randy Mager, Anitra Pawley, Rhiannon Mulligan (phone), Eric Lobochefsky (phone)

DSP – Maggie Christman, Karen Kayfetz

USFWS – Lori Smith

DSC – Daniel Huang

USBR – Towns Burgess, Ian Smith

UCD – Jim Hobbs, Sarah Stinson (phone)

ESA - Ramona Swenson

SFWCA – Kelsey Cowin (phone)

UC Berkley – Anna Sturrock

1. Introductions/Housekeeping

Review of meeting notes – June 2016

2. Announcements

a. Update - New Aquatic Vegetation PWT

- i. Doodle poll is out for first meeting.
- ii. In Delta Smelt Resiliency Plan an action item is to reduce aquatic veg.
 1. Louise is looking into doing data synthesis with CDFW and Boating and Waterways on water quality and food web reaction after aquatic veg treatment
- iii. First task will probably be making higher resolution conceptual models based on the work of the IEP Tidal Wetland PWT
- iv. UC Davis is having an aquatic weed course in early September:
http://wric.ucdavis.edu/events/gendescrrip_aquatic_weed_school.htm

b. Other news?

- i. Gregg Erickson is hiring staff for a IEP synthesis team
 1. Shruti Khanna (formerly of UCD, expert in aquatic weeds) has been hired and will begin soon
 2. ~80-90% time of this team is directed for IEP synthesis

- ii. US Bureau Reclamation not allowed to use Doodle polls
 - 1. “Need to meet” is an alternate to Doodle that works for USBR.
 - iii. CDFW is pulling together a framework to develop overarching goals for Delta conservation. It will be a longer-term version of EcoRestore.
 - 1. First meeting designed to agree on baseline, principles, etc. It is on August 18. Future workshops are scheduled for September 21, October 20, and sometime in November. Email Christina Sloop (Christina.Sloop@wildlife.ca.gov) to be added to information distribution list.
 - 2. Is there funding?
 - a. Prop 1 and greenhouse emission funds to start this work with.
 - 3. How does it relate to ERP?
 - a. The ERP will be pulled in to help build the framework
 - 4. This document will be used for the Delta Plan.
 - 5. To be completed by January 2017.
 - iv. FRP is hiring scientific aides.
 - 1. Job Announcement: <https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=128227>
 - 2. Application: <https://www.wildlife.ca.gov/Employment/Seasonal>
- 3. IEP Data Management Utilization Workgroup (Vanessa)
 - a. Mission – make data accessible and increase operability for other groups
 - b. First step is to take an IEP inventory as to what data document are available
 - c. They would like to update IEP websites, standardize metadata, and have templates for new projects
- 4. Tidal Wetland Project Updates – Implementation and/or Monitoring Plans (Tule Red, Dutch Slough, Prospect Island, Decker Island, Bradmoor Island, etc)
 - a. Dutch Slough Update
 - i. All permits are in
 - ii. A bid has been submitted for interior construction and should happen next year
 - iii. A proposal for pre-project monitoring has been submitted
 - iv. No funding for monitoring, but hope to get some done by other groups
 - v. Neighboring Marsh Creek intertidal restoration will not be happening
 - b. McCormick
 - i. Clearing and grubbing to be done
 - ii. Construction should happen next year
 - iii. Currently there is money secured for sloping, but not breaching
 - iv. No funding for monitoring, but hope to get some done by other groups
 - c. Grizzly Slough will have some tidal influence, but is a floodplain project

- d. Tule Red
 - i. No BCDC permit yet (issues with public access). This may be a problem for other restoration projects in Suisun Marsh.
 - ii. There is a chance to break ground next month
 - iii. Adaptive and monitoring plan draft has gone through the Delta Consistency and some comments need to be addressed
- e. Decker Island Management and monitoring plan has been drafted
- 5. Draft Conceptual Models and Tidal Wetland Monitoring Framework
 - a. Conceptual model text will be forwarded to the IEP Science Management Team for review.
 - b. Thus far, the team has received comments from 7 people for the framework
 - i. Should another round of sub group meetings occur or should we assign blocks to people?
 - 1. Assign blocks to key people and then if there is key change identified then address it through the sub group
 - ii. Could there be an IEP review?
 - 1. Depends on the product.
 - iii. Maybe have the framework online and available for comment
 - 1. Share any pressing comments with the PWT group
 - 2. Share whether editor's comments are anonymous
 - iv. The plan to get feedback on the framework is to:
 - 1. Assign blocks to key people for review this month
 - 2. After review and the framework has been edited, place the framework online for comments/edits
 - a. Maybe have a preface to the document saying how the changes will be incorporated, and what the timeline to incorporation will be.
 - b. Update framework every year after compiling comments
- 6. New Study: Reconstructing juvenile salmon growth, condition and delta habitat use in the 2014-15 drought & beyond (Anna Sturrock)
 - a. Questions:
 - i. Which Salmon sizes are using the Delta?
 - ii. How successful are they using it (habitat specific condition, diet, growth rates)?
 - iii. Does Delta habitat use change over time or among hydrologic condition?
 - iv. What factors cued their decision to out migrate?
 - b. Use otolith isotopes to determine fish origin
 - c. Samples from the Delta (USFWS) and Yolo Bypass (DWR)
 - i. Would like samples from tidal wetlands
 - d. Would like to get historic clam shells
 - e. Jim Hobbs has also been working on otolith analysis, has code for analyzing some of the data. He also has a grad student working on otoliths found at archeological sites.